



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Schwertfeger, et al.

Group Art Unit: 1712

Serial No.: 09/817,459

Examiner: Daniel S. Metzmaier

Filed: March 26, 2001

For: **ORGANICALLY MODIFIED AEROGELS, METHOD FOR THEIR PRODUCTION BY SURFACE MODIFICATION OF THE AQUEOUS GEL WITHOUT PREVIOUS SOLVENT EXCHANGE AND SUBSEQUENT DRYING AND THEIR USE THEREOF**

Commissioner for Patents,  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R §§ 1.56, 1.97 and 1.98, Applicants respectfully request consideration of this Supplemental Information Disclosure Statement.

***Section 1. Preliminary Statements***

Applicants submit herewith patents, publications, or other information on the attached form PTO-1449 (modified) of which they are aware, which they believe may be material to the examination of the above-identified application and in respect of which there may be a duty to disclose.

The filing of this Supplemental Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

By submitting this Supplemental Information Disclosure Statement, Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

The order of presentation of the references should not be construed as an indication of the importance of the references.

The filing of this Supplemental Information Disclosure Statement shall not be construed as an admission against interest in any manner.

Legible copies of all items listed on the attached form PTO-1449 (modified) are enclosed. It is respectfully requested that:

1. The Examiner considers completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited patent(s) and publication(s) has (have) been fully considered by the Patent and Trademark Office during the examination of this application; and
3. The citations for the patent(s) and publication(s) be printed on any patent which issues from this application.

Notwithstanding the above, the Examiner is urged to form his/her own conclusions regarding the relevance of each cited reference. An early and favorable action is respectfully requested.

Respectfully submitted,



Date: November 23, 2004

Robert M. Amici  
Reg. No. 52,554  
CABOT CORPORATION  
157 Concord Road  
Billerica, MA 01821-7001  
(978) 670-6191

Docket No.: HOE96/F319CON  
00046-SupIDSletter

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
**HOE96/F319CON**

In Re Application: **Schwertfeger et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/817,459	March 26, 2001	Daniel S. Metzmaier		1712	1602

Title:

**Organically Modified Aerogels, Method for their Production by Surface Modification of the Aqueous Gel Without Previous Solvent Exchange and Subsequent Drying and their Use Thereof**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 03-0060 as described below.
- ☒ Charge the amount of \$180.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_)

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(Date)

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Signature

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Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

11/23/2004

\_\_\_\_\_  
(Date)

*Lyn M. Covenor*

\_\_\_\_\_  
Signature of Person Mailing Correspondence

Lyn M. Covenor

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Certificate

**\*This certificate may only be used if paying by deposit account.**

*Robert M. Amici*  
\_\_\_\_\_  
Signature

Dated: November 23, 2004

**Robert M. Amici**  
Reg. No. 52,554  
**CABOT CORPORATION**  
157 Concord Road  
Billerica, MA 01821-7001

CC:

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

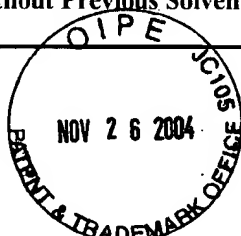
Docket No.  
**HOE96/F319CON**

In Re Application Of: **Schwertfeger et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/817,459	March 26, 2001	Daniel S. Metzmaier		1712	1602

Title:

**Organically Modified Aerogels, Method for their Production by Surface Modification of the  
Aqueous Gel Without Previous Solvent Exchange and Subsequent Drying and their Use Thereof**



Address to:  
Commissioner for Patents  
P.O. Box 1460  
Alexandria, VA 22313-1460

**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☒ the fee set forth in 37 CFR 1.17(p).

**FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE**

**ATTY DOCKET NO.****SERIAL NO.**

HOE96/319CON

09/817,459

**APPLICANT**

Schwertfeger, et al.

**FILING DATE**

March 26, 1999

**GROUP**

1712

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

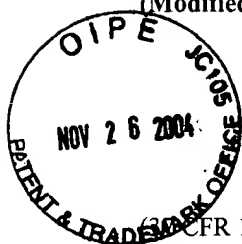
(Use Several Sheets if necessary)

(37 CFR 1.98(b))

**U.S. PATENT DOCUMENTS**

Examiner Initials	*	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
		2,093,454	9/37	Kistler	423	252	
		2,541,137	2/51	Warrick	524	588	
		2,680,696	6/54	Broge	427	220	
		2,786,042	3/57	Iler	525	310	
		2,886,460	5/59	Alexander et al.	106	490	
		2,978,298	4/61	Wetzel et al.	423	338	
		3,015,645	1/62	Tyler	528	12	
		3,024,126	3/62	Brown	106	490	
		3,122,520	2/64	Lentz	106	490	
		3,615,142	10/71	Dahlbom	425	7	
		3,635,743	1/72	Smith	106	490	
		3,794,713	2/74	Aboutboul et al.	423	338	
		3,872,217	3/75	Metz et al.	423	338	
		3,920,865	11/75	Laufer et al.	427	220	
		4,101,442	7/78	Rosen	516	118	
		4,101,443	7/78	Rosen et al.	516	120	
		4,190,457	2/80	McDaniel	502	405	
		4,208,316	6/80	Nauroth et al.	524	789	
		4,316,807	2/82	McDaniel et al.	507	127	
		4,344,800	8/82	Lutz	106	480	
		4,704,374	11/87	Jacques	502	8	
		4,755,294	7/88	Pradet et al.	210	198.2	
		4,873,218	10/89	Pekala	502	418	
		4,888,309	12/89	Araya	501	80	
		4,888,369	12/89	Moore, Jr.	524	100	
		4,906,676	3/90	Ida	523	312	
		4,950,502	8/90	Saam et al.	427	213.36	
		4,950,635	8/90	Williams et al.	502	401	
		5,001,183	3/91	Sands et al.	524	493	
		5,009,874	4/91	Parmentier et al.	423	335	
		5,069,815	12/91	Aoki et al.	252	301.36	

EXAMINER	Date Considered
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation not considered. Include copy of this form with next communication.	* A copy of this reference is not provided with this response as it was previously submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. 120.



**FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE**

**ATTY DOCKET NO.****SERIAL NO.**

HOE96/319CON

09/817,459

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**APPLICANT**

Schwertfeger, et al.

**FILING DATE**

March 26, 1999

**GROUP**

1712

(Use Several Sheets if necessary)

(37 CFR 1.98(b))

**U.S. PATENT DOCUMENTS**

Examiner Initials	*	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
		5,081,163	1/92	Pekala	521	187	
		5,194,333	3/93	Ohnaka et al.	428	405	
		5,215,733	6/93	Potter	423	338	
		5,275,796	1/94	Tillotson et al.	423	338	
		5,409,683	4/95	Tillotson et al.	423	338	
		5,484,818	1/96	De Vos et al.	521	123	
		5,496,527	3/96	Yokogawa et al.	423	338	
		5,508,341	4/96	Mayer et al.	524	596	
		5,556,892	9/96	Pekala	521	181	
		5,561,318	10/96	Gnade et al.	257	638	
		5,565,142	10/96	Deshpande et al.	252	62	
		5,595,593	1/97	Burns et al.	106	499	
		5,647,962	7/97	Jansen et al.	203	57	
		5,651,921	7/97	Kaijou	516	34	
		5,656,195	8/97	Mielke et al.	252	62	
		5,674,962	10/97	Ito et al.	526	323.1	
		5,705,535	1/98	Jansen et al.	521	64	
		5,708,069	1/98	Burns et al.	524	403	
		5,750,610	5/98	Burns et al.	524	434	
		5,866,027	2/99	Frank et al.	252	62	
		5,888,425	3/99	Schwertfeger et al.	427	220	
		6,239,243	5/01	Deng et al.	528	12	

<b>EXAMINER</b>	<b>Date Considered</b>
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation not considered. Include copy of this form with next communication.	* A copy of this reference is not provided with this response as it was previously submitted to the office in a prior application, Serial No. , filed , and relied upon for an earlier filing date under 35 U.S.C. 120.